

REV.	ECO/DDC	DESCRIPTION	DATE	DRAFT	CHECK	APV'D
A	08107	RELEASED.	07-09-01	L.B.O.	S.N.	V.J.C.
B	10762	REVISED PER ECN.	02-15-10	V.J.C.	C.B.	V.J.C.
C	11302	REVISED PER ECN.	06-27-13	V.J.C.	N.H.S.	V.J.C.

W/ STAINLESS STEEL MOUNTS		W/ PLATED STEEL MOUNTS	
MODEL NO.	PART NUMBER	MODEL NO.	PART NUMBER
HI HLPS1125-43B	0555-0013-01	HI HLPS1125-45B	0555-0013-11
HI HLPS1125-43F	0555-0013-02	HI HLPS1125-45F	0555-0013-12
HI HLPS1125-43S	0555-0013-03	HI HLPS1125-45S	0555-0013-13
HI HLPS2.25K-43B	0555-0014-01	HI HLPS2.25K-45B	0555-0014-11
HI HLPS2.25K-43F	0555-0014-02	HI HLPS2.25K-45F	0555-0014-12
HI HLPS2.25K-43S	0555-0014-03	HI HLPS2.25K-45S	0555-0014-13
HI HLPS4.5K-43B	0555-0015-01	HI HLPS4.5K-45B	0555-0015-11
HI HLPS4.5K-43F	0555-0015-02	HI HLPS4.5K-45F	0555-0015-12
HI HLPS4.5K-43S	0555-0015-03	HI HLPS4.5K-45S	0555-0015-13
HI HLPS11.25K-43B	0555-0016-01	HI HLPS11.25K-45B	0555-0016-11
HI HLPS11.25K-43F	0555-0016-02	HI HLPS11.25K-45F	0555-0016-12
HI HLPS11.25K-43S	0555-0016-03	HI HLPS11.25K-45S	0555-0016-13
HI HLPS22.5K-43B	0555-0017-01	HI HLPS22.5K-45B	0555-0017-11
HI HLPS22.5K-43F	0555-0017-02	HI HLPS22.5K-45F	0555-0017-12
HI HLPS22.5K-43S	0555-0017-03	HI HLPS22.5K-45S	0555-0017-13

12. SEE SHEET 2 FOR ULTIMATE FORCE DATA.
11. THIS DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE.
10. CABLE WIRE ENDS ARE STRIPPED BACK 0.5 IN. AND TINNED. CABLE JACKET IS STRIPPED BACK APPROX. 5 IN.
9. LOAD SENSOR IS STAINLESS STEEL 17.4PH (1.4548).
8. CABLE IS 6 CONDUCTOR, SHIELDED AND 20 FT. IN LENGTH. CABLE SHIELD IS FLOATING.
7. DO NOT WELD AFTER LOAD SENSOR IS INSTALLED.
6. WEIGHT EXCLUDES PACKAGING.
5. C2 WIRE COLOR CODE FLAG LABEL IS FOUND APPROXIMATELY 10 INCHES FROM END OF CABLE.
 

EXCITATION +	RED
EXCITATION -	BLACK
SIGNAL +	GREEN
SIGNAL -	WHITE
C2 +	GRAY
C2 -	VIOLET
SHIELD	YELLOW

- 4 POLISHED STAINLESS STEEL LOAD PLATE.
- 3 LOADING PINS.
- 2 INSTALL GROUND STRAP USING LOWER BOLTS FROM THE SHIPPING BRACKETS. ASSEMBLE GROUND STRAP ONTO ONE SIDE OF CELL ONLY USING A SET OF SHIPPING BRACKET MOUNTING HOLES FROM ONE SIDE ONLY. THIS WILL CONNECT GROUND FROM THE BASE TO THE TOP PLATE. DO NOT CROSS THE STRAP OVER THE CELL.
- 1 SHIPPING BRACKET, 2 PL, TO BE REMOVED FOR INSTALLATION. DISCARD UPPER BOLTS, SAVING LOWER BOLTS FOR INSTALLATION OF GROUND STRAP.

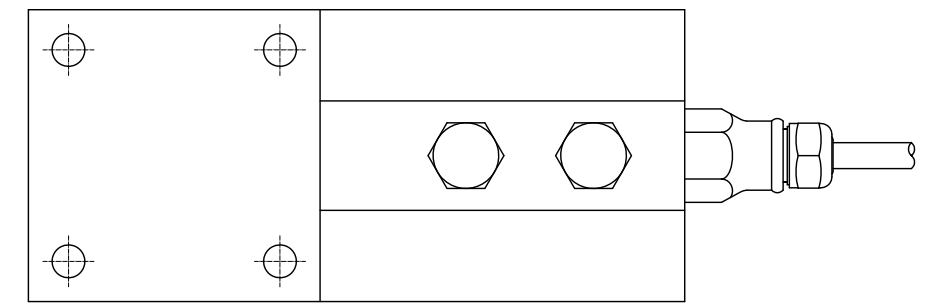
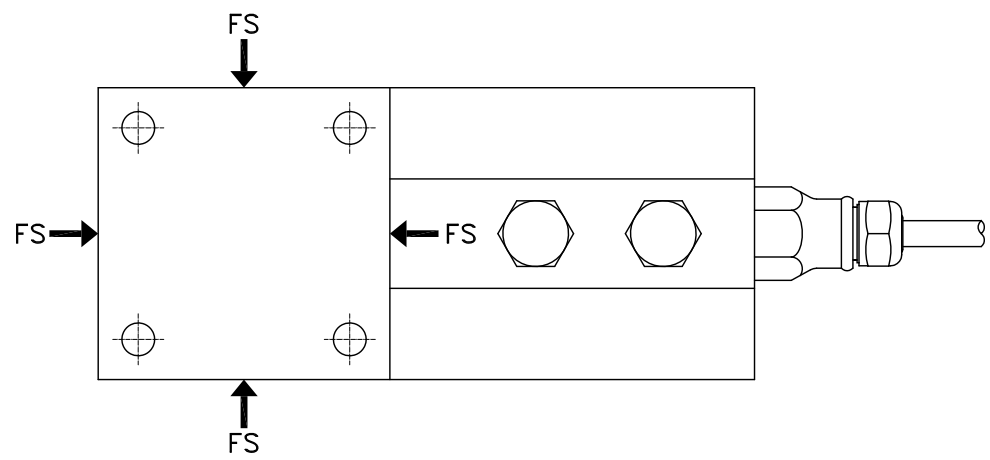
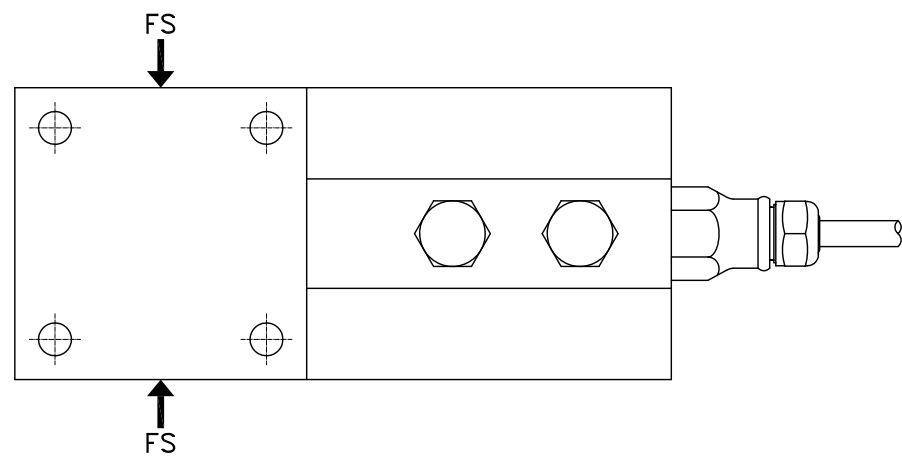
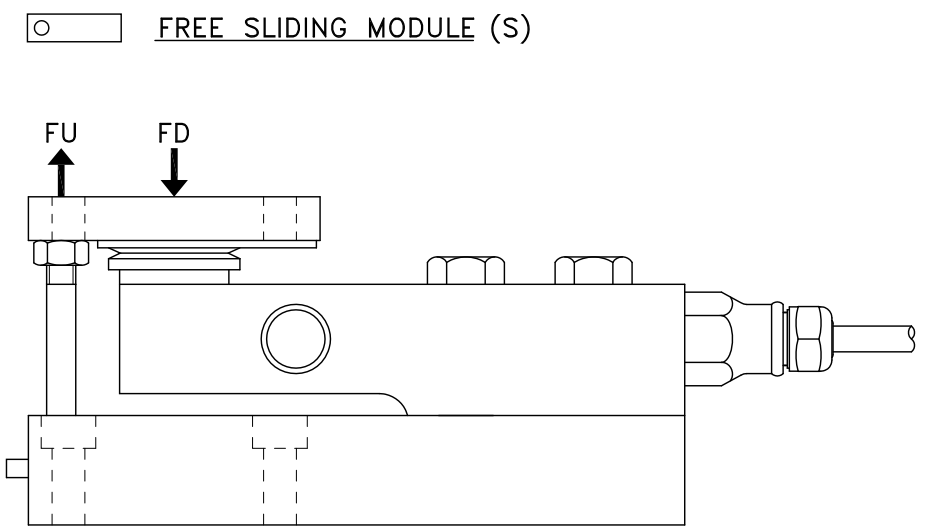
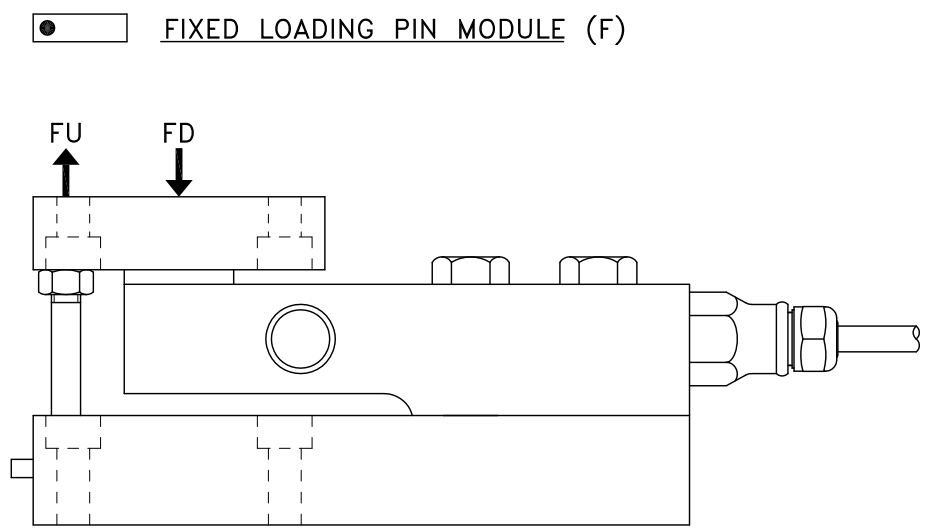
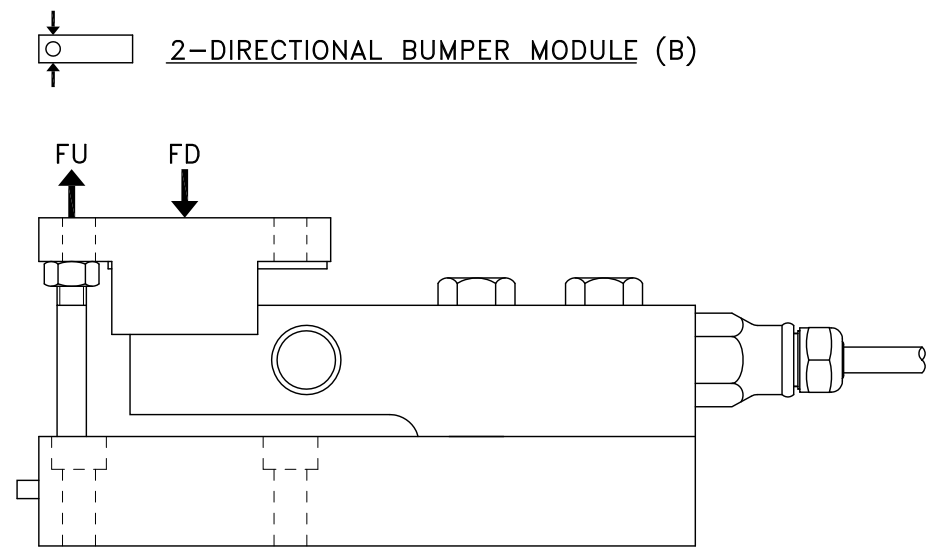
NOTES: UNLESS OTHERWISE SPECIFIED

DIMENSIONS- INCHES & [mm]

CAPACITY LBS [kN]	A	B	C	$\phi D$	E	F	G	H	J	K	L	$\phi M$	Q FT LBS	MOUNT SCREW	WEIGHT LBS
1.125K, 2.25K, 4.5K [5] [10] [20]	3.15 [80.0]	7.09 [180.0]	3.54 [90.0]	0.354 [9.00]	2.91 [74.0]	2.28 [58.0]	0.83 [21.0]	0.47 [12.0]	0.43 [11.0]	0.79 [20.0]	1.18 [30.0]	0.591 [15.00]	65 [70Nm]	.312	12
11.25K [50]	3.94 [100.0]	8.66 [220.0]	4.72 [120.0]	0.433 [11.00]	4.02 [102.0]	2.99 [76.0]	1.14 [29.0]	0.59 [15.0]	0.55 [14.0]	0.98 [25.0]	1.57 [40.0]	0.709 [18.00]	295 [400Nm]	.375	24
22.5K [100]	4.72 [120.0]	10.83 [275.0]	6.69 [170.0]	0.571 [14.50]	5.83 [148.0]	3.54 [90.0]	1.85 [47.0]	0.79 [20.0]	0.67 [17.0]	1.18 [30.0]	2.36 [60.0]	0.866 [22.00]	515 [700Nm]	.500	56.2

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		0588-0079	OUTLINE DRAWING, LOAD POINT, HI HLPS SERIES									
ITEM	QTY	PART NUMBER	DESCRIPTION	COMMENTS								
PARTS LIST												
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCH [MM] FIRST ANGLE PROJECTION		CONTRACT NO.		<p style="font-size: 24px; margin: 0;">OUTLINE DRAWING, LOAD POINT, HI HLPS SERIES</p>								
		APPROVALS										
MATERIAL	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">DRAWN R. BILEK</td> <td style="width: 50%;">DATE 08-02-99</td> </tr> <tr> <td>CHECKED L. OFTEDAHL</td> <td>DATE 09-02-99</td> </tr> <tr> <td>APPROVED T. KOPCZYNSKI</td> <td>DATE 09-20-99</td> </tr> </table>	DRAWN R. BILEK	DATE 08-02-99			CHECKED L. OFTEDAHL	DATE 09-02-99	APPROVED T. KOPCZYNSKI	DATE 09-20-99	TITLE		
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FINISH	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">ISSUED K. McNULTY</td> <td style="width: 50%;">DATE 09-20-99</td> </tr> <tr> <td>PRODUCTION</td> <td>DATE</td> </tr> </table>	ISSUED K. McNULTY	DATE 09-20-99	PRODUCTION	DATE	SIZE	FSCM	DRAWING NO.	REV.			
ISSUED K. McNULTY	DATE 09-20-99											
PRODUCTION	DATE											
DO NOT SCALE DRAWING		D	21316	0588-0079	C							
		FILE NAME:	588079C1.DWG	SCALE: NONE	SHEET 1 OF 2							



FD = ULTIMATE FORCE IN DOWNWARD VERTICAL DIRECTION [= 300% OF LOAD SENSOR CAPACITY]  
 FS = ULTIMATE SIDE FORCE IN HORIZONTAL DIRECTION [50% OF LOAD SENSOR CAPACITY]  
 FU = ULTIMATE FORCE IN UPWARD DIRECTION

CAPACITY	MODEL NUMBER	ULTIMATE FORCES					
		FD		FS		FU	
		KLB	KN	KLB	KN	KLB	KN
1125 LBS	HI HLPS1125-43 & 45F, B, S	3.37	15	0.56	2.5	6.6	29.2
2.25 KLB	HI HLPS2.25K-43 & 45F, B, S	6.74	30	1.12	5		
4.5 KLB	HI HLPS4.5K-43 & 45F, B, S	13.49	60	2.25	10		
11.25 KLB	HI HLPS11.25K-43 & 45F, B, S	33.72	150	5.62	25	10.4	46.4
22.5 KLB	HI HLPS22.5K-43 & 45F, B, S	67.44	300	11.24	50	15.2	67.4



**HARDY**  
PROCESS SOLUTIONS

TITLE  
**OUTLINE DRAWING,  
LOAD POINT, HI HLPS SERIES**

SIZE	FSCM	DRAWING NO.	REV.
D	21316	0588-0079	C
FILE NAME: 588079C1.DWG		SCALE: NONE	SHEET 2 OF 2